



**PATENT**  
**ATTORNEY DOCKET NO. 00786/361003**

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Heidi Wright

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Signature of person mailing correspondence

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Frederick M. Ausubel et al. Art Unit: 1645  
Serial No.: 09/975,719 Examiner: Mark Navarro  
Filed: October 10, 2001 Customer No.: 21559  
Title: VIRULENCE-ASSOCIATED NUCLEIC ACID SEQUENCES  
AND USES THEREOF

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**REPLY TO FINAL OFFICE ACTION**

In reply to the final Office action that was mailed in connection with the above-captioned patent application on June 24, 2004, applicants submit the following amendments and remarks.

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NOT  
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1/31/05